

Notice of Allowability

Application No.

09/580,519

Examiner

Adnan M. Mirza

Applicant(s)

MISHRA ET AL.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 09/20/06.
2. ☒ The allowed claim(s) is/are 1-11.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


JASON CARDONE
SUPERVISORY PATENT EXAMINER

EXAMINER'S AMENDMENT

An Examiner's Amendment to the record appears below. Should the changes and/or additions be unacceptable to applicants, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it must be submitted no later than the payment of the issue fee.

Authorization for this Examiner's Amendment was given in a telephone interview with Jenni R. Moen on 09/20/06.

Please amend the independent claims 7 and 9.

3. (Currently Amended). A method for maintaining a network element database, comprising: monitoring, in real time, communications between a network element manager and a plurality of network elements over at least one telecommunications network control channel; storing configuration status information regarding the plurality of network elements at a database associated with the network element manager; parsing messages received from one or more of the plurality of network elements, which include updated configuration status information regarding the one or more of the plurality of network elements; and dynamically updating portions of the configuration status information with portions of the updated status information in real time.

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7. (Currently Amended). A telecommunications network element manager, comprising: an interface being operable to communicate with a plurality of telecommunications network elements using at least one telecommunications network control channel; a processor being operable to monitor, in real time, communications received at the interface; a memory being operable to store configuration status information regarding the plurality of network elements; the processor being further operable to parse messages received from one or more of the plurality of network elements, which include updated configuration status information regarding the one or more of the plurality of network elements; and the processor being further operable to dynamically update portions of the configuration status information with portions of the updated status information in real time.

Reasons for Allowance

1. Claims 1-11 will be allowed.
2. The following is an examiner's statement of reasons for allowance.

The prior art references most closely resembling the applications claimed invention are Vilain et al (U.S. 6,094,145) and Coho et al (U.S. 6,108,309).

First Vilain discloses a telecommunication system including management centers provides management services which communicate via management messages in both directions with telecommunication network elements of a telecommunication network and a management message transfer point which enables the management centers and the telecommunication network to communicate. However Vialain fails to disclose, "a processor being operable to monitor, in real time, communications received at the interface. And dynamically updating portions of the configuration status information with portions of the updated status information"(Claims 1,3,7).

Second Cohoe discloses an ask-and-answer format for obtaining information from network elements, A network simulator for use a testing tool for a network management system includes an input device for inputting data containing network elements. However Cohoe fails to disclose, "a processor being operable to monitor, in real time, communications received at the interface.

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And dynamically updating portions of the configuration status information with portions of the updated status information” (Claim 1, 3, 7).

In summary, the Examiner submits that there is no motivation to combine the aforementioned references; therefore, claims 1-11 have been deemed allowable over the prior art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance”.

Any inquiry concerning this communication or earlier communication from the examiner should be directed to Adnan Mirza whose telephone number is (571)-272-3885.

The examiner can normally be reached on Monday to Friday during normal business hours.

If attempts to reach the examiner by telephone are unsuccessful, the examiner’s supervisor, Jason Cardone can be reached on (571)-272-3933. The fax for this group is (703)-746-7239. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR

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system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at (866)-217-9197 (toll-free).



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